

# ABSTRACT

The invention provides a novel GDP-mannose 4,6-dehydratase.

1. A method for the production of a novel GDP-mannose 4,6-dehydratase, comprising the steps of: (a) identifying a novel GDP-mannose 4,6-dehydratase; (b) isolating the novel GDP-mannose 4,6-dehydratase; (c) purifying the novel GDP-mannose 4,6-dehydratase; and (d) providing the novel GDP-mannose 4,6-dehydratase.